

AMENDMENTS TO THE ABSTRACT

Please replace the Abstract with the following amended Abstract:

~~Disclosure of a method~~ Methods for the detection and quantitation of polynucleotide sequences in a sample of biological or non-biological material are described. ~~[[through]]~~ The methods involve target poly nucleotide sequence amplification by polymerase chain reaction using chemically labeled oligonucleotide amplification primers and formation of an entity between the amplified polynucleotide sequence and chemically labeled polynucleotide having a sequence complementary to the target polynucleotide sequence for determining the identity and/or presence and/or quantitation of the target poly nucleotide sequences. The chemical ~~[[label]]~~ labels covalently attached to the oligonucleotide amplification primer and polynucleotide or oligonucleotide comprise molecular energy transfer labels (~~donor and~~ acceptor). ~~It is again a~~ The methods are very sensitive, rapid and reliable ~~[[method]]~~ with better sensitivity, specificity and reliability for the detection of a polynucleotide sequence. ~~[[It also]]~~ The methods provide for a greatly reduces the reduced possibility of amplification product carry-over contamination and are adaptable for many formats of nucleic ~~[[acids]]~~ acid amplifications and real time measurements.